University of Wyoming, College of Arts & Sciences
Requirements Checklist – Zoology
For students matriculating fall 2003 and after.

Student:_____ Advisor:_____ Initial Date of Program:_____

University Studies Program:
(P)   Physical Activity & Health   1 course, 1 credit _____
(I)   Intellectual Community   1 course, 1-3 credits _____
(V)   U.S. & Wyoming Constitutions   1 course, 3 credits _____
(WA) Writing 1   1 course, 3 credits _____
(QA) Quantitative Reasoning 1   1 course, 3 credits ___in the major_____
(QB) Quantitative Reasoning 2   1 course, 3 credits ___in the major_____
(O)   Oral Communication   1 course, 3 credits _____

Sciences – SB Biological; SE Earth; SP Physical; S Integrated Science
1 course, 4 credits _____in the major_____   1 course, 4 credits _____in the major_____

Cultural Context – 9 hours total C, CH, CS, CA; at least 3 courses from 3 of 4 different categories
Arts (CA)   1 course, 3 credits _____
Humanities (CH)   1 course, 3 credits _____
Social science (CS)   1 course, 3 credits _____
Integrated Cultural Context (C)   1 course, 3 credits _____

Additional USP Requirements:
These may be a part (embedded) of courses in the above USP categories or courses in the major.
(WB) Writing 2   _____
(WC) Writing 3   _____ZOO 4100_____
(L)   Information Literacy   _____ZOO 4100_____
(D)   U.S. Diversity   _____
(G)   Global Awareness   _____

A&S Core:
Foreign Language: For students at the introductory level of a language, 2 courses (8 credits total) in the same language (with a minimum grade of C in the second semester) are required.
1 course, 4 credits _____   1 course, 4 credits _____

Non-Western (NW): Approved courses may simultaneously fulfill other requirements in University Studies program, the A&S Core, or courses in the major, minor, or second major. Approved courses are listed on the A&S Website.
1 course, 3 credits _____

Upper Division Courses: 9 credits (3 courses) of Upper Division courses (3XXX-level or above) outside the department/program in which the student's major resides and none that are cross-listed with courses in the department of the major. This cross-listing rule does not apply to majors in the A&S interdisciplinary programs (American Indian studies, American Studies, Earth System Science, Environment and Natural Resources, Microbiology, International Studies, and Women's Studies). These courses cannot be used to also fulfill the USP components of P, I, QA, QB, O, V, WA, S, SB, SE, SP, C, CA, CS, or CH. These courses may also be used in a minor or a second major.
1 course, 3 credits _____
1 course, 3 credits _____
1 course, 3 credits _____

University Upper Division Requirement:
48 credits (3XXX-level or above): 30 of which must be earned from the University of Wyoming.

_____   _____   _____
_____   _____   _____
_____   _____   _____
_____   _____   _____
_____   _____   _____
_____   _____   _____

The following courses are for the major requirements and are offered in no particular order. Please consult with your advisor for scheduling sequence.

COURSE	USP	CREDITS	PREREQUISITES
☐ MATH 1450 Algebra and Trigonometry *(MATH 1450 can be completed with MATH 1400 and MATH 1405)*	QA	5.0	C in MATH 0925 or Level 3 Math Placement or Math ACT23,SAT600
☐ MATH 2200 Calculus I	QB	4.0	C in MATH 1405or1450 Or level 5 on Math Placement or Math ACT 27,SAT 600
☐ STAT 2050 Fundamentals of Statistics	QB	4.0	C in MATH 1000, 1400 or equiv
☐ or STAT 2070 Intro Statistics for the Social Sciences	QB	4.0	C in MATH 1000, 1400 or equiv
☐ CHEM 1020 General Chemistry I	SP	4.0	Math ACT 23 or concur MATH 1400, or 1405 or 1450
☐ CHEM 1030 General Chemistry II	SP	4.0	CHEM 1020

One additional CHEM course (not CHEM 1000):

COURSE	USP	CREDITS	PREREQUISITES
☐ Course: _____	_____	_____	_____
☐ PHYS 1110 General Physics I (F)	SP	4.0	MATH 1450, 1405 or equiv
☐ or PHYS 1310 College Physics I (F)	SP	4.0	MATH 2200 & MATH 2205 Concur
☐ PHYS 1120 General Physics II (S)	SP	4.0	PHYS 1110
☐ or PHYS 1320 College Physics II (S)	SP	4.0	PHYS 1310, MATH 2200, 2205 & MATH 2210 Concur
☐ LIFE 1010 General Biology	SB	4.0	C in MATH 0921 or level 2 on Math Placement or Math ACT 21 or SAT 600
☐ LIFE 2022 Animal Biology (S)		4.0	C in LIFE 1010
☐ LIFE 3050 Genetics		4.0	LIFE 1010 & one of LIFE 2022, 2023 or MICR/MOLB 2021 with C in each
☐ LIFE 3400 General Ecology		3.0	LIFE 1010 & one of LIFE 2022, 2023 or MICR/MOLB 2021 w/grade of C
☐ LIFE 3500 Evolutionary Biology		3.0	LIFE 1010 & one of LIFE 2022, 2023, or MICR/MOLB 2021 with C in each
☐ ZOO 4100 Writing in Zoology	WC, L	3.0	WA, WB & prior or concur reg for upper division ZOO, BOT, LIFE/BIOL course

ZOO/ENTO ELECTIVE COURSES: 3 courses from the list below, but no more than 1 of the required 3 may have an ENTO prefix. These courses may also be listed as Credits in the Major and as Upper Division Credits as they are all 4000-level courses. An ENTO elective may be listed as an Upper Division/Non-Majors Course, but then cannot also be listed as a Credit in the Major.

COURSE		CREDITS	PREREQUISITES
☐ ZOO 4330 Ichthyology (S)		3.0	LIFE 2022
☐ ZOO 4350 Ornithology (S)		3.0	LIFE 2022
☐ ZOO 4370 Mammalogy (F)		3.0	LIFE 2022
☐ ZOO 4380 Herpetology		3.0	LIFE 2022
☐ ZOO 4540 Invertebrate Zoology (F)		4.0	LIFE 2022
☐ ENTO 4678 Aquatic Entomology (F of even-numbered yrs)		3.0	ENTO 1000,1001 or Consent
☐ or ENTO 4682 Insect Anatomy/Physiology (S of even-numbered yrs)		5.0	ENTO 1000 or Consent
☐ or ENTO 4684 Classification of Insects (F of odd-numbered yrs)		4.0	ENTO 1000 or Consent